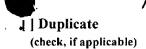
09-05-00

NON-PROVISIONAL UTILITY PATENT APPLICATION TRANSMITTAL - 37 CFR 1.53(b)



09/653812

Assistant Commissioner for Patent **BOX PATENT APPLICATION** Washington, DC 20231

Attorney Docket No. 9596-23U3
First Named Inventor: Haig H. Kazazian, Jr.
Express Mail Label No. EL631604348US
Total Pages of Transmittal Form: 2

Transmitted herewith for filing is the non-provisional utility patent application entitled:

COMPOSITIONS AND METHODS OF USE OF MAMMALIAN RETROTRANSPOSONS

an [] Ori	ginal; or						
a [] Co	ntinuation, [X] Divisional, or [] Continuation-in-part (CIP)						
	of prior U.S. Application No. 08/847,844 filed on April 28, 1997.						
[] Thi	s non-provisional patent application is based on Provisional Patent Application						
No	, filed						
Enclosed an	e:						
[X]	Specification (including Abstract) and claims: 85 pages.						
[]	Newly executed/unexecuted Declaration (original/copy).						
[X]	Copy of Declarations (two sets) from prior application.						
[]	Separate Power of Attorney (including 37 CFR 3.73(b) statement, if applicable).						
[X]	33 sheets of formal drawings (in duplicate).						
[]	Microfiche computer program (Appendix).						
[X]	Copy of Nucleotide and/or Amino Acid Sequence Submission, including:						
	[] Computer readable copy [X] Paper Copy (45 pages) [X] Verified Statement (Copy).						
PL	EASE TRANSFER SEQUENCE DISKETTE Filed On March 23, 2000 FROM						
AP	PLICATION NO. 08/847,844 TO THE PRESENT APPLICATION.						
[]	Under PTO-1595 cover sheet, an assignment of the invention.						
[X]	An assignment of the invention to: The Johns Hopkins University						
	Recorded December 1, 1997 at Reel 8833, Frame 0900 (is not enclosed).						
[X]	An assignment of the invention to: The Trustees of the University of Pennsylvani Recorded December 1, 1997 at Reel 8833, Frame 0928 (is not enclosed).						
	Certified copy of Application No, filed, is filed: [] herewith or [] in prior application						
[X]	Two (2) Verified Statement Claiming Small Entity Status under 37 CFR 1.9 and 1.2						
	[X] were filed in the prior non-provisional application, and such						
	status is still proper and desired (37 CFR 1.28(a));						
	[X] is enclosed herewith (copy); [] is no longer desired.						
[X]	Preliminary Amendment filed herewith.						
[X]	Information Disclosure Statement and Form PTO-1449. (5 sheets) [original						
	references <u>not</u> included, since they were filed in related U.S. Application No.08/847,844]						

The filing fee has been calculated as shown below:

			SMALL ENTITY		The state of the s	LARGE ENTITY	
CLAIMS	NO. FILED	NO. EXTRA	BASIC FEE: \$345			BASIC FEE: \$690	
Total	16-20 =	0	X9	\$ -0-	OR	X18	\$
Independent	3-3=	0	X39	\$ -0-	OR	X78	\$
Multiple Dependent Claims Present: &@			\$130	\$	OR	\$260	\$
			TOTAL	\$ 345.00	OR	TOTAL	\$

- [X] A check in the amount of \$345.00 to cover the filing fee is enclosed.
- [X] The Commissioner is hereby authorized to charge and/or credit **Deposit Account No.** 50-1017 (Billing No. 209596.0367) as noted below. A duplicate copy of this sheet is enclosed.
 - [X] Any overpayments or deficiencies in the above-calculated fee.
 - [X] Filing fee in the amount of \$345 as calculated above.
 - [X] Any additional fees required under 37 C.F.R. § 1.16 and § 1.17.
 - [X] In the event that a Petition for Extension of Time is required during the prosecution of this application, but not submitted, please charge any extension fee under 37 C.F.R. § 1.136(a) to our Deposit Account noted above.

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